



Deepwater Horizon MC252

Waste and Material Tracking System and Reporting Plan



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1 WASTE AND MATERIAL TRACKING

All waste and material collected during response activities associated with the MC 252 Oil Spill Incident are tracked and reported using a uniform system. For purposes of this plan, “wastes and materials” are defined as both liquid and solid wastes and materials. The tracking system covers the affected states where releases from the oil spill are directly impacting the waters or land of a specific state, which includes Texas, Louisiana, Mississippi, Alabama, and Florida. If it is determined that wastes are or will be managed in other states, the tracking system will be expanded to include those states, and the EPA and the relevant states will be notified of the change.


The system actively tracks each of the five waste and material streams indicated below that have been and are anticipated to be generated as part of the MC252 response efforts:

Definitions used in Waste Tracking and Reporting:

- Oily Liquid - Oil and water mixtures or emulsions (e.g., from skimming or oil recovery operations);
- Liquid - Primarily water that may have an oily sheen or contain minor amounts of free oil droplets (e.g., decanted water, storm water, decontamination water, treated water, etc.);
- Oily Solid - Oil-impacted solid materials that may include debris, vegetation, protective clothing, etc., collected during cleanup activities;
- Solid Waste - Non-oiled, solid materials that may include household-type garbage, debris, vegetation, protective clothing etc., collected during cleanup activities; and
- Recyclable Materials - Plastic, metal waste, etc.

The overall process flow for managing the wastes and materials is illustrated in Figure 1.1.

Figure 1.1 Waste/Material Management Flow

Generation Location or Retrieval Activity	Waste/Material Type	Verification / Manifesting	Transport	Quantity and Quality?	Disposition
					
Operations Staging Areas	Solid Wastes	On-site consolidation, transfer to waste staging area for further consolidation and manifesting	Roll-off box	Generally not sufficient quantity of uniform material to be considered for recycling	Approved landfill
Vessels of Opportunity Deployment Locations	Solid Wastes Oily Solids	On-site consolidation, transfer to waste staging area for further consolidation and manifesting	Roll-off box	Generally not sufficient quantity of uniform material to be considered for recycling	Approved landfill
On-Shore Decontamination Stations	Solid Wastes Oily Solids Liquids Oily Liquids	On-site consolidation, transfer to waste staging area for further consolidation and manifesting	Roll-off box (solids) Vacuum truck (liquids)	Generally not sufficient quantity of uniform material to be considered for recycling	Approved landfill (solids) Approved treatment or disposal facility (liquids); water is separated, treated and discharged via POTW
Shore-line Cleanup Operations	Solid Wastes Oily Solids	On-site consolidation and manifesting, or transfer to waste staging area for further consolidation and manifesting	Roll-off box	Oily solids that are uniform and have sufficient quantity of oil for recovery are sent for recycling	Approved landfill (solids); oily solids may be segregated for potential future recovery efforts
Skimming Operations	Oily Solids Liquids Oily Liquids	On-site consolidation, transfer to waste staging area for further consolidation and manifesting	Barge or vessel	Materials that are uniform and have sufficient quantity of oil for recovery are sent for recycling	Approved landfill (solids) Approved recycling facility; oily solids (e.g., sorbent boom) may be centrifuged and separated oil sent for recycling

The system for tracking each of the waste and material streams travel that are generated / collected, consolidated, manifested, and transported for recycling or disposal follows the management process and is illustrated in Figures 1.2 and 1.3, and summarized as follows:

- Non-oil impacted and oil-impacted wastes and materials collected from response activities (e.g., non-reusable oily booms, oily debris from beach cleaning operations, waste water from decontamination stations, etc.) are sent to a temporary staging area or transferred directly to a recycling or disposal facility;
- The wastes and materials are manifested from the staging area, decontamination station, port/dock to an approved recycling/disposal facility. Approved facilities are listed in Table 1.1. Table 1.2 presents the list of current staging areas;
- Information on the manifests is recorded for each location and entered into a database that tracks the staging area, decontamination station, recycling and disposal facilities for each shipment (roll-off box, vacuum truck, barge, etc.);
- After the final disposition of each shipment is established, the manifest is reviewed and verified, and the verified data (e.g., weights, locations, and quantities) are confirmed in the database (a scanned copy of the manifest is obtained for future reference);
- The verified data are then posted in a summary table that presents quantities by location and waste profile identification number, and then presents cumulative amounts;
- Cumulative waste data are reported daily by waste type on the ICS-209 Form.



Figure 1.2 Process Flow

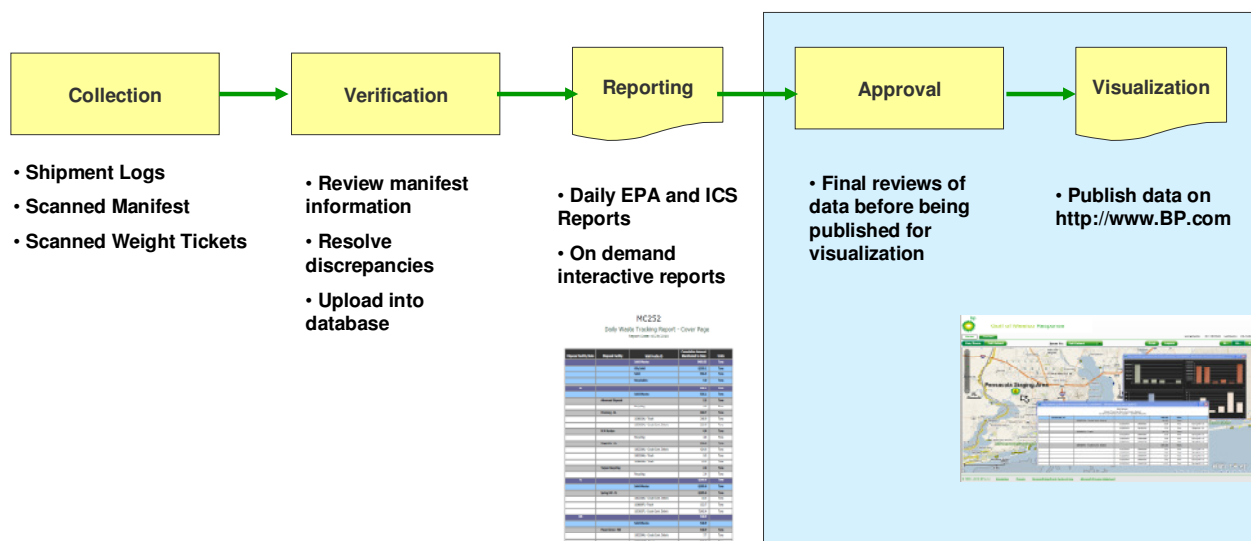
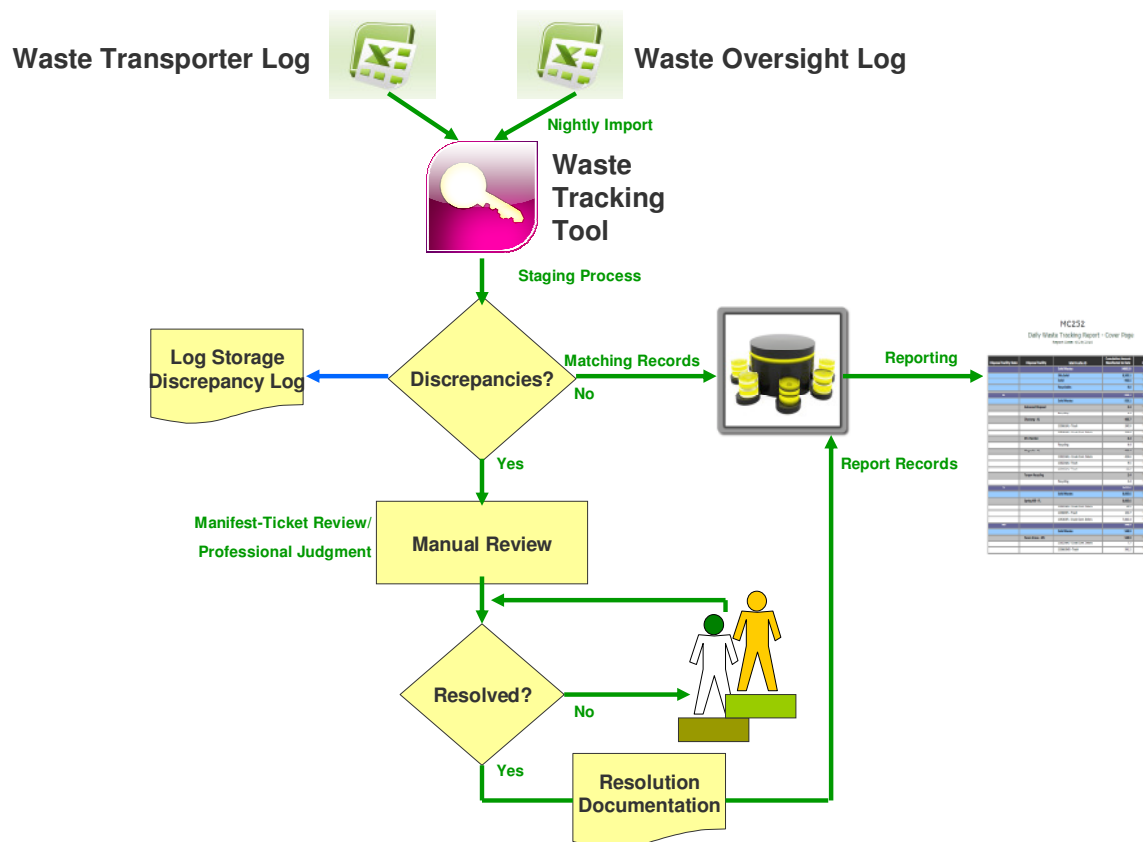


Figure 1.3 Verification Process



Recyclables are also tracked and documented on a routine basis. The approved disposal facilities are presented in Table 1.1. Waste Staging Areas are presented in Table 1.2.



Table 1.1 Waste and Material Recycling / Disposal Facilities Approved for MC252 Response Activities

Location	Material Types	Address	Facility Type
River Birch-Liquids	Liquids	2000 S. Kenner Road, Avondale, LA 70094	Injection Well
Newpark Environmental Services-Fourchon #2 Site Code 2913	Liquids	228 16th Street, Fourchon, LA 70357	Transfer Station
Newpark Environmental Services-Venice Mud Facility	Liquids	213 Coast Guard Road, Venice, LA 70090	Transfer Station
Newpark Environmental Services-Morgan City Site Code 5102	Liquids	101 Second Street, Morgan City, LA 70380	Transfer Station
Newpark Environmental Services – Fannett, TX	Liquids	15173 Wilber Road, Hamshire, TX 77622	E&P Deep Injection Well & Solidification
Allied Waste Colonial Landfill	Solids	5328 Highway 70, Sorrento, LA 70778	Landfill
River Birch-Solids	Solids	2000 S. Kenner Road, Avondale, LA 70094	Landfill
Waste Management Jefferson Parish	Solids	5800 U.S. Highway 90, Westwego, LA 70094	Landfill
Waste Management Pecan Grove	Solids	9685 Firetower Road, Pass Christian, MS 39571	Landfill
Allied Waste Jefferson Davis Parish	Solids	16547 Landfill Road, Welch, LA 70591	Landfill
Aaron Oil	Liquids	713 Bill Myles Drive, Saraland, AL	Oil Recovery facility with limited water capacity
Apex Environmental	Liquids	7455 Rangeline Rd, Theodore, AL 36582	Water recovery and solidification facility
Clean Harbors	Liquids	2879 Claudia Lane, Theodore, AL 36582	Mobile oil water treatment facility
Liquid Environmental Solutions	Liquids	1980 Avenue "A", Mobile, AL 36615	Fixed facility, Oil water separation
WM Pecan Grove Landfill	Solids	9685 Firetower Road, Pass Christian, MS 39571	Landfill
WM Chastang Landfill	Solids	17045 Highway 43, Mount Vernon, AL 36560	Landfill
WM Springhill Landfill	Solids	4945 Highway 273, Campbelton, FL 32426	Landfill
Magnolia Landfill	Solids	15140 County Rd 49, Summerdale, AL 36580	Landfill
Advanced Disposal Services	Recyclables	6225 Rangeline Road, Theodore, AL 36582	Recycling
M. A. Norden Company Inc.	Recyclables	6955 Cary Hamilton Rd, Theodore, AL 36582	Recycling
Tarpon Recycling	Recyclables	26655 Railroad Ave, Loxley, AL 36551	Recycling
WM Chemical Waste Management – Lake Charles,	Solids	7170 John Brannon Road, Sulphur, LA 70665	Landfill
Tidewater Landfill L.L.C.	Solids	Coast Guard Rd., Venice, LA	Landfill



Location	Material Types	Address	Facility Type
United Environmental Services L.L.C.	Liquids	8010 Needlepoint Rd, Baytown, TX 77521	Oil Recovery
Acadiana Oil and Environmental	Liquids	226 Daspit Road New Iberia, LA 70563	Oil Recovery Facility
Clifton C. Williams POTW	Liquids	207 North Catherine Street Mobile, Alabama, 36604	Wastewater Treatment
FCC Environmental	Liquids	4415 Greenwood Street Baytown, TX 77523	Non-Hazardous Used Oil Recycling & Fuel Recovery
FCC Environmental	Liquids	14890 Intracoastal Drive New Orleans, LA 70129	Oil Recovery Facility
Flextank	Liquids	16514 De Zavalla Rd. Channelview, TX 77530	Oil Recovery Facility
Intergulf Corporation	Liquids	10020 Bayport Blvd Pasadena, TX 77507	Waste Water Treatment & Oil Recovery
New Park	Liquids	394 Davis Road Cameron, LA 70631	Transfer Facility
New Park	Liquids	Highway 2725 Ingleside, TX 78362	Transfer Facility
New Park	Liquids	12396 Offshore Road Abbeville, LA	Transfer Facility
New Park	Liquids	8300 Pleasure Islet Dr. Port Arthur, TX 77642	Transfer Facility
P.S.C. Industrial Outsourcing	Liquids	9523 Highway 87 Jeanerette, LA 70544	Crude Recovery
Saraland WWTP	Liquids	104 Station Street Saraland, AL	Waste Water Treatment Plant
United Environmental Services	Liquids	2500 Market Street Baytown, TX 77520	Oil Recovery Facility

**Table 1.2 Waste and Material Staging Areas**

Location	Address
Grand Isle – Minnich Lane	229 Minnich Grand Isle, LA 70358
Grand Isle – Caminada Drive	133 Caminada Drive Grand Isle, LA 70358
Lafitte	4932 Kenal Road Lafitte, LA 70067
Fourchon	570 Dudley Bernard Fourchon, LA 70357
Venice	339 Coast Guard Road Venice, LA 70091
Hopedale	7222 Hopedale Highway Hopedale, LA 70085
Berwick	4212 Bellview Front Berwick, LA 70342
Franklin – Horseshoe	8000 Hwy. 317 Franklin, LA 70538
Twin Brothers	322 Twin Brothers Road Franklin, LA 70538
Slidell Area	Highway 90E @ Pearl River 55598 Highway 90 Slidell, LA 70458
Slidell Expansion	46564 Highway 90 Slidell, LA 70458
Houma ICC	1597 Highway 311 Schriever, LA 70395
Cocodrie	106 Pier 65 CoCoMarina Chauvin, LA 70344
Dulac	9202 Grand Caillou Road Dulac, LA 70353
Pointe-Aux-Chenes	1650 Highway 665 Montegut, LA 70377 (Terrebonne Parish)
Intracoastal	25817 Louisiana Highway 333, Abbeville, LA 70510
Bobby Lynn's Marina South	209 Moore Road Golden Meadow, LA 70357 Near the Fourchon Staging Area
Venice – Premier Dock	213 Halliburton Road Venice, LA 70091
Venice – Controlled Burn	213 Halliburton Road Venice, LA 70091
Fort Pike	27100 Chef Menteur Highway New Orleans, LA
Myrtle Grove	161 Marina Road Port Sulphur, LA 70083 Myrtle Grove Marina
Fort Jackson	Route 1 (Highway 23) Port Sulphur, LA 70083
MI Swaco Sand Washing Station #1	Capital Lane Grand Isle, LA



Location	Address
LDWF Fisheries Lab Site Grand Isle	145431 Ludwig Lane Grand Isle, LA
USCG Site Grand Isle	453 Admiral Craik Drive Grand Isle, LA
Panama City	1617 Moylan Dr Panama City Beach, FL 32407
Bayou Chico	700 Myrick Street Pensacola, FL
NAS Pensacola - (Transitioning Staging to Bayou Chico)	Blue Angel Pwky (Dock) Pensacola Naval Air Station, FL
City Marina Battery Park Boat Landing	Intersection of A Avenue and Water Street Mobile, AL
Port St. Joe	1624 Grouper Port St. Joe, FL 32456
Allen's Dockside Marina	292 Graham Drive Carrabelle, FL 32322
Tallahassee DC	4755 Capital Circle NW Tallahassee, FL (Capital Circle Commerce Park)
Spud Barge	Will be physically located on the water near Allen's Dockside Marina
Panama City Marina	1 Harrison Avenue Panama City, FL
USCG Station Destin	200 Miracle Strip Pwky Destin, FL 32540
Perdido Pass at Orange Beach (Old Outcast Marina)	27555 Larry C Kerry Lane Orange Beach, AL
Fort Morgan (Gulf Shores Marina)	1577 Highway 180 Gulf Shores, AL 36542
Mobile DC	2455 Michigan Ave Mobile, AL 36615
Mobile IC	1087 Downtowner Blvd Mobile, AL
Theodore Industrial Park (Patriot)	2460 Claudia Lane Theodore, AL 36582
Dauphin Island - Staging	1115 to 1127 Desoto Ave Dauphin Island, AL 36528
Dauphin Island - Command	421 Albright Drive Dauphin Island, AL 36528
Bayou La Batre	14805 State Docks Rd Bayou La Batre, AL
Pascagoula	2210 Petit Bois Pascagoula, MS 39581
Point Clear Boat Ramp	3134 Graveline Road Gautier, MS 39553
Point Cadete Marina (Tied to Biloxi Small Craft Harbor)	119 Beach Blvd Biloxi, MS 39533
Biloxi (de-con)	108 8th Street Biloxi, MS
Biloxi Small Craft Harbor (Tied to Point Cadete)	679 Beach Blvd Biloxi, MS 39530
Biloxi DC	13032 Hwy 67 N Biloxi, MS 39532



Location	Address
Biloxi IC	13061 Hwy 67 N Biloxi, MS 39532
Gulfport Boat Ramp - public	3215 West Beach Blvd Gulfport, MS
Pass Christian Harbor	106 Market Street Pass Christian, MS.
Bay St. Louis (Bayou Caddiy)	5200 Shipyard Road Bay St. Louis, MS 39520
Stennis Airport	7250 Stennis Airport Road Kiln, MS 39556
Pecan Grove Staging Area- WM	9685 Firetower Road Pass Christian, MS 39571
Biloxi Staging Area (Tentative location) - WM	Biloxi, MS 39532
Pascagoula Staging Area - WM	2210 Petit Bois Avenue Pascagoula, MS 39581
Theodore Staging Area - WM	4770 Hamilton Blvd Theodore, AL 36582
Foley Staging Area - WM	18110 Eureka Drive Foley, AL 36535
Pensacola Staging Area - WM	2023 Longleaf Drive Pensacola, FL 32505
Myrick Staging Area (formerly @ PNAS) - WM	700 Myrick Street, Pensacola, FL
Panama City Staging Area - WM	4217 Cato Road Panama City Beach, FL 32404
Theodore Dock	Claudia Lane, Port of Theodore Theodore AL
Fort Walton	630 Martin Luther King Blvd Ft. Walton, Florida 32548
*Others TBD as needed	



2 WASTE AND MATERIAL REPORTING

Figure 2.1 shows an example of the waste tracking database input and output summary table. These data are reported and posted daily on BP's public website. These are the same data that are presented in the ICS-209 forms for the Houma and Mobile Sectors in one combined report.

An example of the waste tracking summary information that will be posted weekly on BP's public website is provided in Figures 2.2a and 2.2b. This report presents summaries of waste quantities (in tons for solids and barrels for liquids) that are managed at each staging area and that are transported to the recycling or disposal facilities.

Figure 2.1 Consolidated Daily Reports

MC 252 Waste and Oil Recovery and Disposal -- Cumulative Total to Date				
Period Ending 19 Jul 2010				
	Mobile Sector	Houma Sector	Total	Units
Oily Liquid ⁽²⁾⁽³⁾	1,498.0	142,495.0	143,993.0	BBLs
Liquid ⁽²⁾	16,942.0	21,465.0	38,407.0	BBLs
Oily Solid ⁽²⁾	21,688.3	10,142.1 ⁽¹⁾	31,830.4	Tons
Solid Waste	1,926.2	1,447.6 ⁽¹⁾	3,373.8	Tons
Recyclable Materials	24.0	15.0 ⁽¹⁾	39.0	Tons

Notes:

1. Houma tonnages were converted from a volume basis and assumed a density conversion. Actual weights will be included in the future.
2. Material that has been manifested to a recovery facility or a disposal facility.
3. Through June 30th, approximately 8,400 BBL of oil have been reclaimed from Oily Liquid.

Definitions used in Waste Tracking and Reporting

Oily Liquid - Oil and water mixtures or emulsions (e.g., from skimming or oil recovery operations)

Liquid - Primarily water that may have an oily sheen or contain minor amounts of free oil droplets (e.g., decanted water, storm water, decontamination water, treated water, etc.)

Oily Solid - Oil-impacted solid materials that may include debris, vegetation, protective clothing, etc., collected during cleanup activities

Solid Waste - Non-oiled, solid materials that may include household-type garbage, debris, vegetation, protective clothing etc., collected during cleanup activities

Recyclable Materials - Plastic, metal waste, etc.



Figure 2.2a Example of Waste and Material Tracking Summary Information to be Posted on Website – Report by Staging Area

MC252
Weekly Waste and Material Tracking Cumulative Report by Staging Area
Example Report for 7/12/2010
DRAFT REPORT

Facility State	Staging Area/Decon Station/Port/Dock	Waste Classification	Weekly Amount Manifested (7/12 - 7/18)	Cumulative Amount Manifested to Date	Units
		Oily Liquid	12,001.0	126,367.0	BBL
		Liquid	1,213.0	23,054.0	BBL
		Oily Solid	1,246.8	26,916.7	Tons
		Solid Waste	165.5	2,691.7	Tons
		Recyclables	1.7	18.0	Tons
AL					
		Liquid Waste Stream	413.0	559.0	BBL
	Theodore Decon Station, AL		413.0	559.0	BBL
		Liquid	413.0	559.0	BBL
		Solid Waste Stream	344.5	9,590.5	Tons
	Foley, AL		116.6	8,642.0	Tons
		Oily Solid	92.6	8,125.9	Tons
		Solid Waste	22.3	516.1	Tons
		Recyclables	1.7	0.0	Tons
	Theodore, AL		227.9	948.5	Tons
		Oily Solid	143.7	546.5	Tons
		Solid Waste	84.2	195.3	Tons
		Recyclables	0.0	6.7	Tons
FL					
		Liquid Waste Stream	249.2	8,479.0	BBL
	Pensacola Decon Station, FL		249.2	8,479.0	BBL
		Liquid	249.2	8,479.0	BBL



MC252
Weekly Waste and Material Tracking Cumulative Report by Staging Area
Example Report for 7/12/2010
DRAFT REPORT

Facility State	Staging Area/Decon Station/Port/Dock	Waste Classification	Weekly Amount Manifested (7/12 - 7/18)	Cumulative Amount Manifested to Date	Units
		Solid Waste Stream	882.2	14,899.0	Tons
	Fort Walton, FL		87.3	514.3	Tons
		Oily Solid	72.1	478.8	Tons
		Solid Waste	15.2	35.5	Tons
		Recyclables	0.0	0.0	Tons
	Panama City, FL		0.0	61.7	Tons
		Oily Solid	0.0	42.4	Tons
		Solid Waste	0.0	19.3	Tons
		Recyclables	0.0	0.0	Tons
	Pensacola, FL		267.9	14,323.0	Tons
		Oily Solid	249.2	12,827.3	Tons
		Solid Waste	18.7	1,495.7	Tons
		Recyclables	0.0	0.0	Tons
LA					
		Liquid Waste Stream	12,001.0	126,367.0	BBL
	Venice, LA		6,549.8	54,082.0	BBL
		Oily Liquid	6,549.8	54,082.0	BBL
	Lafitte, LA		5,451.2	72,285.0	BBL
		Oily Liquid	5,451.2	72,285.0	BBL
		Solid Waste Stream	249.2	339.8	Tons
	Venice, LA		6,549.8	187.0	Tons
		Oily Solid	13.8	187.0	Tons
	Lafitte, LA		5,490.4	152.8	Tons
		Oily Solid	25.4	152.8	Tons
MS					
		Liquid Waste Stream	550.8	14,016.0	BBL
	Biloxi Decon Station, MS		550.8	14,016.0	BBL
		Liquid	550.8	14,016.0	BBL



MC252
Weekly Waste and Material Tracking Cumulative Report by Staging Area
Example Report for 7/12/2010
DRAFT REPORT

Facility State	Staging Area/Decon Station/Port/Dock	Waste Classification	Weekly Amount Manifested (7/12 - 7/18)	Cumulative Amount Manifested to Date	Units
		Solid Waste Stream	148.1	4,997.1	Tons
	Pascagoula, MS		5.1	304.9	Tons
		Solid Waste	2.5	246.2	Tons
		Oily Solid	2.6	47.4	Tons
		Recyclables	0.0	11.3	Tons
	Pecan Grove, MS		143.0	4,692.2	Tons
		Solid Waste	18.3	183.6	Tons
		Oily Solid	124.7	4,508.6	Tons
		Recyclables	0.0	0.0	Tons



Figure 2.2b Example of Waste and Material Tracking Summary Information to be Posted on Website – Report by Disposal Facility

MC252
Weekly Waste and Material Tracking Cumulative Report by Disposal Facility
Example Report for 7/12/2010
DRAFT REPORT

Disposal Facility State	Disposal Facility	Waste Classification	Weekly Amount Manifested (7/12 - 7/18)	Cumulative Amount Manifested to Date	Units
		Oily Liquid	12,001.0	126,367.0	BBL
		Liquid	1,213.0	23,054.0	BBL
		Oily Solid	1,246.8	26,916.7	Tons
		Solid Waste	165.5	2,691.7	Tons
		Recyclables	1.7	18.0	Tons

AL					
		Liquid Waste Stream	1,213.0	5,734.0	BBL
	Apex Environmental, AL		1,213.0	5,734.0	BBL
		Oily Liquid	0.0	0.0	BBL
		Liquid	1,213.0	5,734.0	BBL
		Solid Waste Stream	344.5	5,920.7	Tons
	Advanced Disposal - AL		0.0	2.3	Tons
		Recyclables	0.0	2.3	Tons
	Chastang - AL		106.6	967.9	Tons
		Solid Waste	57.2	432.9	Tons
		Oily Solid	49.4	535.0	Tons
	M A Norden - AL		10.4	10.4	Tons
		Recyclables	1.2	13.4	Tons
	Magnolia - AL		225.2	4,937.8	Tons
		Solid Waste	51.3	208.1	Tons
		Oily Solid	184.9	4,729.7	Tons
	Tarpon Recycling - AL		2.4	2.4	Tons
		Recyclables	0.5	2.4	Tons



MC252
Weekly Waste and Material Tracking Cumulative Report by Disposal Facility
Example Report for 7/12/2010
DRAFT REPORT

Disposal Facility State	Disposal Facility	Waste Classification	Weekly Amount Manifested (7/12 - 7/18)	Cumulative Amount Manifested to Date	Units
FL					
		Solid Waste Stream	882.2	13,146.4	Tons
	Spring Hill - FL		882.2	13,146.5	Tons
		Solid Waste	34.7	319.2	Tons
		Oily Solid	847.5	12,827.3	Tons
LA					
		Liquid Waste Stream	12,001.0	143,687.0	BBL
	Newpark Environmental Services, LA		12,001.0	143,687.0	BBL
		Oily Liquid	12,001.0	126,367.0	BBL
		Liquid	0.0	17,320.0	BBL
		Solid Waste Stream	39.2	339.8	Tons
	Colonial Landfill - LA		12.6	149.7	Tons
		Oily Solid	12.6	149.7	Tons
	Coast Guard Road Sanitary Landfill - LA		25.4	170.1	Tons
		Oily Solid	25.4	170.1	Tons
	River Birch-Avondale - LA		1.2	19.9	Tons
		Solid Waste	0.0	2.8	Tons
		Oily Solid	1.2	17.1	Tons
MS					
		Solid Waste Stream	148.1	10,216.4	Tons
	Pecan Grove - MS		148.1	10,216.4	Tons
		Solid Waste	22.3	1,728.7	Tons
		Oily Solid	125.8	8,487.7	Tons



Revision log

Revision date	Content owner Name / title	Revision details